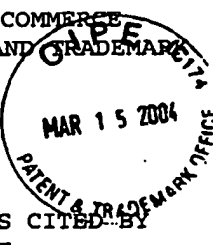


Form PTO 1449 U.S. DEPARTMENT (Modified) OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NO. 9511-108-27 CONT		SERIAL NO. 10/660,748		
						
APPLICANT Michael I. Bukrinsky, et al.				FILING DATE September 12, 2003		
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)				GROUP ART UNIT 1614		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
RR	AA	6,297,253	10/02/01	Bukrinsky, et al.	514	275
RR	AB	5,840,839	11/24/98	Wang et al.	544	329
RR	AC	6,649,797	11/18/03	Bukrinsky, et al.	564	305
RR	AD	5,574,040	11/12/96	Bukrinsky, et al.	514	277
RR	AE	5,620,983	04/15/97	Bukrinsky, et al.	514	261
RR	AF	5,703,086	12/30/97	Bukrinsky, et al.	514	275
RR	AG	5,733,932	03/31/98	Bukrinsky, et al.	514	634
RR	AH	5,808,068	09/15/98	Pan, et al.	544	315
RR	AI	5,840,305	11/24/98	Bukrinsky, et al.	424	152.1
RR	AJ	5,840,893	11/24/98	Bukrinsky, et al.	544	329
RR	AK	5,849,793	12/15/98	Pan, et al.	514	456
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)						
RR	BA	Kalderon, et al., "A Short Amino Acid Sequence Able to Specify Nuclear Location", Cell, 39, 499-509 (1984 - Part 2).				
RR	BB	Dingwall, et al., "The Nucleoplasmin Nuclear Location Sequence is Larger and More Complex than that of SV-40 Large T Antigen", J. Cell Biol., 107, 841-849 (1988).				
RR	BC	Yeh, et al., "The Arginine-Rich Domain of Hepatitis B Virus Precore and Core Proteins Contains a Signal for Nuclear Transport", J. Virol., 64, 12, 6141-6147 (1990).				
RR	BD	Zacksenhaus, et al., "A Bipartite Nuclear Localization Signal in the Retinoblastoma Gene Product and Its Importance for Biological Activity", Mol. Cell. Biol., 13, 8, 4588-4599 (1993).				

EXAMINER <i>RR Payment</i>	DATE CONSIDERED 7-22-04
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RR	BF	Bukrinsky, et al., "A Nuclear Localization Signal Within HIV-1 Matrix Protein that Governs Infection of Non-Dividing Cells", Nature, 365, 666-669 (1993).		
RR	BG	Goldfarb, et al., "Synthetic Peptides as Nuclear Localization Signals", Nature, 322, 641-644 (1986).		
RR	BH	Lanford, "Induction of Nuclear Transport with a Synthetic Peptide Homologous to the SV40 T Antigen Transport Signal", Cell, 46, 575-582 (1986).		
RR	BI	Adam, et al., "Identification of Specific Binding Proteins for a Nuclear Location Sequence", Nature, 337, 276-279 (1989).		
RR	BJ	Robbins, et al., "Two Interdependent Basic Domains in Nucleoplasmin Nuclear Targeting Sequence: Identification of a Class of Bipartite Nuclear Target Sequence", Cell, 64, 615-623 (1991).		
RR	BK	Görlich, et al., "Two Different Subunits of Importin Cooperate to Recognize Nuclear Localization Signals and Bind Them to the Nuclear Envelope", Curr. Biol., 5, 4, 383-392 (1995).		
RR	BL	Radu, et al., "Identification of a Protein Complex that is Required for Nuclear Protein Import and Mediates Docking of Import Substrate to Distinct Nucleoporins", Proc. Natl. Acad. Sci., 92, 1769-1773 (1995).		
RR	BM	Adam, et al., "Cytosolic Proteins that Specifically Binds Nuclear Location Signals are Receptors for Nuclear Import", Cell, 66, 837-847 (1992).		
RR	BN	Rexach, et al., "Protein Import Into Nuclei: Association and Dissociation Reactions Involving Transport Substrate, Transport Factors, and Nucleoporins", Cell, 83, 683-692 (1995).		
RR	BO	Moore, et al., "Purification of a Ran-Interacting Protein that is Required for Protein Import into the Nucleus", Proc. Natl. Acad. Sci., 91, 10212-10216 (1994).		
RR	BP	Nerhbass, et al., "Role of the Nuclear Transport Factor p10 in Nuclear Import", Science, 272, 120-122 (1996).		
RR	BQ	Dabauvalle, et al., "Inhibition of Nuclear Accumulation of Karyophilic Proteins in Living Cells by Microinjection of the Lectin Wheat Germ Agglutinin", Exp. Cell Res., 174, 291-296 (1988).		
RR	BR	Sterne-Marr, et al., "O-Linked Glycoproteins of the Nuclear Pore Complex Interact with a Cytosolic Factor Required for Nuclear Protein Import", J. Cell Biol., 116, 2, 271-280 (1992).		

EXAMINER	<i>R. R. Ruppel</i>	DATE CONSIDERED 7-22-04
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RR	BS	Melchior, et al., "Inhibition of Nuclear Protein Import by Nonhydrolyzable Analogues of GTP and Identification of the Small GTPase Ran/TC4 as an Essential Transport Factor", J. Cell Biol., 123, 6, Part 2, 1649-1656 (1993).		
RR	BT	Weinberg, et al., "Productive Human Immunodeficiency Virus Type 1 (HIV-1) Infection of Nonproliferating Human Monocytes", J. Exp. Med., 174, 1477-1482 (1991).		
RR	BU	Humphries, et al., "Requirement for Cell Division for Initiation of Transcription of Rous Sarcoma Virus RNA", J. Virol., 14, 3, 531-546 (1974).		
RR	BV	Stevenson, et al., "HIV-1 Replication is Controlled at the Level of T Cell Activation and Proviral Integration", EMBO J., 9, 5, 1551-1560 (1990).		
RR	BW	Bukrinsky, et al., "Quiescent T Lymphocytes as an Inducible Virus Reservoir in HIV-1 Infection", Science, 254, 423, Science (1991).		
RR	BX	Zack, et al., "Incompletely Reverse-Transcribed Human Immunodeficiency Virus Type 1 Genomes in Quiescent Cells Can Function as Intermediates in the Retroviral Life Cycle", J. Virol., 66, 3, 1717-1725 (1992).		
RR	BY	Schnittman, et al., "The Reservoir for HIV-1 in Human Peripheral Blood is a T Cell That Maintains Express of CD4", Science, 245, 305-308 (1989).		
RR	BZ	Brinchmann, et al., "Few Infected CD4 <sup>+</sup> T Cells but a High Proportion of Replication-Competent Provirus Copies in Asymptomatic Human Immunodeficiency Virus Type 1 Infection", J. Virol., 65, 4, 2019-2023 (1991).		
RR	CA	Chapel, et al., "Differential Human Immunodeficiency Virus Expression in CD4 <sup>+</sup> Cloned Lymphocytes: From Viral Latency to Replication", J. Virol., 66, 6, 3966-3970 (1992).		
RR	CB	Keonig, et al., "Detection of AIDS Virus in Macrophages in Brain Tissue from AIDS Patients with Encephalopathy", Science, 233, 1089-1093 (1986).		
RR	CC	Wiley, et al., "Cellular Localization of Human Immunodeficiency Virus Infection Within the Brains of Acquired Immune Deficiency Syndrome Patients", Proc. Natl. Acad. Sci., 83, 7089-7093 (1986).		
RR	CD	Price, et al., "The Brain in AIDS: Central Nervous System HIV-1 Infection and AIDS Dementia Complex", Science, 239, 586-592 (1988).		
RR	CE	Giulian, et al., "Secretion of Neurotoxins by Mononuclear Phagocytes Infected with HIV-1", Science, 250, 1593-1596 (1990).		
RR	CF	Fauci, et al., "Immunopathogenic Mechanisms in Human Immunodeficiency Virus (HIV) Infection", Ann. Int. Med., 114, 8, 678-693 (1991).		

EXAMINER	<i>R. Raynal</i>	DATE CONSIDERED	7-22-04
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			FILING DATE September 12, 2003	GROUP ART UNIT 1614
	CG	Weiss, "How Does HIV Cause AIDS?", Science, 260, 1273-1279 (1993).		
RR	CH	Pantaleo, et al., "HIV Infection is Active and Progressive in Lymphoid Tissue During the Clinically Latent Stage of Disease", Nature, 362, 355-358 (1993).		
RR	CI	Zack, "HIV-1 Entry Into Quiescent Primary Lymphocytes: Molecular Analysis Reveals a Labile, Latent Viral Structure", Cell, 61, 213-222 (1990).		
RR	CJ	Spina, et al., "The Importance of nef in the Induction of Human Immunodeficiency Virus Type 1 Replication from Primary Quiescent CD4 Lymphocytes", J. Exp. Med., 179, 115-113 (1994).		
RR	CK	Miller, et al., "The Human Immunodeficiency Virus-1 nef Gene Product: A Positive Factor for Viral Infection and Replication in Primary Lymphocytes and Macrophages", J. Exp. Med., 101-113 (1994).		
RR	CL	von Schwedler, et al., "The Nuclear Localization Signal of the Matrix Protein of Human Immunodeficiency Virus Type 1 Allows the Establishment of Infection in Macrophages and Quiescent T Lymphocytes", Proc. Natl. Acad. Sci., 91, 6992-6996 (1994).		
RR	CM	Brown, et al., "Correct Integration of Retroviral DNA in Vitro", Cell, 49, 347-356 (1987).		
RR	CN	Emerman, et al., "HIV-1 Infection of Non-Dividing Cells", Nature, 369, 107-108 (1994).		
RR	CO	Heinzinger, et al., "The Vpr Protein of Human Immunodeficiency Virus Type 1 Influences Nuclear Localization of Viral Nucleic Acids in Nondividing Host Cells", Proc. Natl. Acad. Sci., 91, 7311-7315 (1994).		
RR	CP	Gulizia, et al., "Reduced Nuclear Import of Human Immunodeficiency Virus Type 1 Preintegration Complexes in the Presence of a Prototypic Nuclear Targeting Signal", J. Virol. 68, 3, 2021-2025 (1994).		
RR	CQ	"Malaria", Tropical Diseases, Progress in Research 1989-1990, World Health Organization, pp. 29-40 (1991). <del>(page number incorrectly cited as 15-27 in specification at page 8, line 4)</del>		
RR	CR	Nosten, et al., "New Antimalarials, A Risk-Benefit Analysis", Drug Safety, 12, 4, 264-273 (1995).		
RR	CS	Rabjohn, "Selenium Dioxide Oxidation", Org. React., Chapter 4, 261-415 (1976).		
RR	CT	March, Advanced Organic Chemistry, 4 <sup>th</sup> ed., Wiley Interscience, New York, 491-493 (1992).		

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RR	CU	Fenton, et al., "Metal Complexes of 1,1,-[1,3-Phenylene]-bis-1,3-Butanedione", Inorg. Chim. Acta, 44, L105-L106 (1980).		
RR	CV	Gordon, et al., "Applications of Combinatorial Technologies to Drug Discovery. 2. Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions", J. Med. Chem., 37, 10, 1385-1401 (1994).		
RR	CW	Chen, et al., "'Analogous' Organic Synthesis of Small-Compound Libraries: Validation of Combinatorial Chemistry in Small-Molecule Synthesis", J. Amer. Chem. Soc., 116, 2661-2662 (1994).		
RR	CX	Cho, et al., "An Unnatural Biopolymer", Science, 261, 1303-1305 (1993).		
RR	CY	Bukrinsky, et al., "Active Nuclear Import of Human Immunodeficiency Virus Type 1 Preintegration Complexes", Proc. Natl. Acad. Sci., 89, 6580-6584 (1992).		
RR	CZ	Desjardins, et al., "Quantitative Assessment of Antimalarial Activity In Vitro by a Semiautomated Microdilution Technique", Antimicrob. Ag. Chemother., 16, 6, 710-718 (1979).		
RR	DA	Ager, Jr., Handbook of Experimental Pharmacology, Antimalarial Drugs I, Peters, et al., eds., Chapter 8, Volume 68, Part 1, 225-264, Springer-Verlag, Berlin (1984).		
RR	DB	Bukrinsky, et al., "Regulation of Nitric Oxide Synthase Activity in Human Immunodeficiency Virus Type 1 (HIV-1)-infected Monocytes: Implications for HIV-Associated Neurological Disease", J. Exp. Med., 181, 735-745 (1995).		
RR	DC	Ulrich, et al., "Trypanocidal 1,3-Arylene Diketone Bis(guanylhydrazones). Structure-Activity Relationships Among Substituted and Heterocyclic Analogues", J. Med. Chem., 27, 35-40 (1983).		
RR	DD	McKinnon, et al., "Studies on Some 2,1-Benzisoxazole Derivatives", Can. J. Chem., 49, 2019-2022 (1971).		
RR	DE	Gartner, et al., "The Role of Mononuclear Phagocytes in HTLV-III/LAV Infection", Science, 233, 215-219 (1986).		
RR	DF	Nuovo, et al., "Rapid In Situ Detection of PCR-Amplified HIV-1 DNA", Diagn. Mol. Pathol., 1, 2, 98-102 (1992).		
RR	DG	Chou, "Derivation and Properties of Michaelis-Menten Type and Hill Type Equations for Reference Ligands", J. Theor. Biol., 59, 253-276 (1976).		
RR	DH	Berger, et al., "Primary and Secondary Metabolism of Pentamidine by Rats", Antimicrob. Ag. Chemother., 36, 9, 1825-1831 (1992).		

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RR	DI	Westervelt, et al., "Macrophage Tropism Determinants of Human Immunodeficiency Virus Type 1 In Vivo", J. of Virol., 66, 4, 2577-2582 (1992).			
RR	DJ	Haffar, et al., "Human Immunodeficiency Virus-Like, Nonreplicating, gag-env Particles Assemble in a Recombinant Vaccinia Virus Expression System", J. Virol., 64, 6, 2653-2659 (1990).			
RR	DK	Chandraratna et al., Chemical Abstracts, Vol. 119:270992, 1993.			
RR	DL	Porter et al., Chemical Abstracts, Vol. 117:90296, 1992.			
RR	DM	Reisdorff et al., Chemical Abstracts, Vol. 87:147051, 1977.			
RR	DN	Barnish et al., Chemical Abstracts, Vol. 87:5796, 1977.			

EXAMINER	<i>R. R. Ruppel</i>	DATE CONSIDERED	7-24-07
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